



The Hilltop Institute

**The Maryland Medicaid
Dental Program:
CY 2016 to CY 2020**

A Chart Book

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UMBC

TABLE OF CONTENTS

Chapter 1. Overview of the Maryland Medicaid Dental Program..... 3

Dental Program

Program Eligibility

Key Findings

Chart Book Organization

Data Sources

Chapter 2. Dental Visits for Children..... 6

Chapter 3. ED Visits with Dental Diagnoses and Procedures for Children..... 11

Chapter 4. Dental Visits for Pregnant Women..... 17

Chapter 5. Dental Visits for Non-Pregnant Adults..... 20

Chapter 6. Dental Providers and Access 23

Chapter 7. Dental Services for Former Foster Care Participants..... 26

Chapter 8. Dental Visits for Rare and Expensive Case Management (REM) Participants..... 46

List of Figures..... 53

Chapter 1.

Overview of the Maryland Medicaid Dental Program

Chapter 1. Overview of the Maryland Medicaid Dental Program

Maryland Medicaid Dental Program

The Maryland Medicaid Dental Program Chart Book outlines the demographics and service utilization for individuals enrolled in the Maryland Medicaid Dental Program. This chart book provides information about program participants who received services in calendar year (CY) 2016 through CY 2020.

Program Eligibility

Individuals who qualify for dental services include those enrolled in Medicaid fee-for-service (FFS) or a HealthChoice managed care organization (MCO). Non-pregnant adults may receive limited dental benefits as an additional benefit of their MCO. The study population excludes participants who are not eligible for the dental benefit, including undocumented immigrants and Family Planning program participants.

Key Findings

Maryland Medicaid Dental Program Participants' Service Utilization by Children

Rates of dental visits increased across all age groups of children aged 0 to 20 who were enrolled in Medicaid between CY 2016 and CY 2019 and then decreased in CY 2020.

Among participants aged 4 to 20 years, the Washington Suburban region had the highest dental utilization rate at 59.2% in CY 2020.

Less than 1% of children aged 0 to 20 years had emergency department (ED) visits with a dental diagnosis or procedure in CY 2020. Enrollees aged 6 to 9 years demonstrated the highest rates of preventive/diagnostic dental visits in CY 2020, while enrollees aged 19 to 20 demonstrated the lowest utilization rates of these services. Enrollees aged 6 to 9 years also received the highest rates of restorative services following preventive/diagnostic dental visits.

Maryland Medicaid Dental Program Participants' Service Utilization by Pregnant Women and Adults

The percentage of pregnant women aged 14 years or older who had dental visits decreased from 25.9% in CY 2016 to 21.5% in CY 2020. The percentage of pregnant women aged 21 years or older who had dental visits decreased from 26.1% in CY 2016 to 21.6% in CY 2020.

The percentage of non-pregnant adults (women aged 21 to 64) with 90 or more days in HealthChoice who received dental services decreased from CY 2016 to CY 2020. Non-pregnant adults aged 21 to 39 had a higher percentage of at least one dental visit than those aged 40 to 64 in CY 2020.

Maryland Medicaid Dental Program Participants' Service Utilization by Former Foster Care and REM Participants

The percentage of former foster care participants with any period of enrollment who received dental services decreased from CY 2017 to CY 2020. Rates of dental visits for Rare and Expensive Case Management (REM) participants with any period of enrollment decreased from 54.8% in CY 2016 to 42.1% in CY 2020.

Chapter 1. Overview of the Maryland Medicaid Dental Program continued

Chart Book Organization

The data in this chart book are presented in seven sections:

Dental Visits for Children: This section includes data on children enrolled in FFS Medicaid or a full-benefit HealthChoice MCO who received Medicaid dental services during each calendar year.

ED Visits with Dental Diagnoses/Procedures for Children: This section includes data on children aged 0 to 20 enrolled in Medicaid who had a dental diagnosis or procedure during an ED visit for any period during the measurement year.

Dental Visits for Pregnant Women: This section includes data on pregnant women aged 14 years and older—and pregnant women aged 21 years and older—who utilized Medicaid dental services.

Dental Visits for Non-Pregnant Adults: This section includes data on non-pregnant adults (women aged 21 through 64 years) who were enrolled in a HealthChoice MCO for at least 90 days during the calendar year and had at least one dental visit or received dental services.

Dental Providers and Access: This section includes data on dental providers participating in Medicaid by region who

have billed one or more services or have billed \$10,000 or more for services.

Dental Services for Former Foster Care Participants: This section includes data on former foster care children up to the age of 26 who were enrolled in FFS Medicaid or a full-benefit HealthChoice MCO who received dental services during each calendar year.

Dental Visits for REM Participants: This section includes data on REM participants aged 4 through 64 years who were enrolled in FFS Medicaid and received dental services during each calendar year.

Data Sources

The information in this chart book was derived from Medicaid FFS claims and HealthChoice MCO encounter data that were updated as of July 2021.

Dental-related ED visits were identified using the International Classification of Diseases-9th edition-Clinical Modification (ICD-9-CM) diagnosis; International Classification of Diseases-10th edition-Clinical Modification (ICD-10-CM) diagnosis; and Current Procedural Terminology (CPT) codes.

Chapter 2.

Dental Visits for Children

Figure 1. Number of Children Aged 4–20 Years Enrolled in Medicaid* for at Least 320 Days Who Received Dental Services, CY 2016–CY 2020

Calendar Year	Total Number of Enrollees	Enrollees Receiving One or More Dental Services	Percentage Receiving Service
2016	440,100	301,367	68.5%
2017	464,585	316,294	68.1%
2018	469,413	324,252	69.1%
2019	477,768	331,485	69.4%
2020	528,488	285,590	54.0%

*The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland's Medical Assistance program (both FFS and HealthChoice MCO enrollees). The study population excludes participants who are not eligible for the dental benefit (e.g., undocumented immigrants and those enrolled in the Family Planning program).

Overall, the rate of children aged 4 to 20 years enrolled in Medicaid for at least 320 days receiving dental services remained stable between CY 2016 and CY 2019. The rate decreased by 15.4 percentage points from CY 2019 to CY 2020.

Figure 2. Number of Children Aged 0–20 Years Enrolled in Medicaid* for Any Period, CY 2016–CY 2020

Age Group (Years)	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
0–3	156,936	158,892	157,255	153,896	149,349
4–5	73,610	74,865	75,975	76,489	75,160
6–9	150,612	151,770	150,116	147,199	145,490
10–14	160,418	170,502	178,433	182,719	183,471
15–18	112,581	116,825	119,351	120,250	122,179
19–20	47,948	50,855	52,464	52,575	53,181
Total	702,105	723,709	733,594	733,128	728,830

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

The total number of children aged 0 to 20 years enrolled in Medicaid for any period increased by 3.8% between CY 2016 and CY 2020.

Figure 3. Percentage of Children Aged 0–20 Years Enrolled in Medicaid* for Any Period Who Had at Least One Dental Visit, by Age Group, CY 2016–CY 2020

Age Group (Years)	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
0–3	30.0%	30.3%	30.8%	32.0%	24.3%
4–5	66.3%	65.8%	65.6%	66.6%	52.2%
6–9	69.1%	69.2%	69.6%	70.7%	56.7%
10–14	64.7%	65.6%	66.2%	67.0%	54.0%
15–18	54.3%	55.6%	56.5%	57.3%	48.0%
19–20	36.7%	37.3%	37.8%	38.9%	33.1%
Total	54.5%	55.0%	55.6%	56.7%	45.7%

The percentage of children aged 0 to 20 years enrolled in Medicaid for any period who had at least one dental visit decreased by 8.8 percentage points between CY 2016 and CY 2020.

*The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The study population excludes participants who are not eligible for the dental benefit (e.g., undocumented immigrants and those enrolled in the Family Planning program).

Figure 4. Number and Percentage of Children Aged 4–20 Years Enrolled in Medicaid* for 320 Days Who Had Dental Services, by Region, CY 2020

Region**	Total Number of Enrollees	Number with Any Service	Percentage with Dental Visits
Baltimore City	81,828	37,316	45.6%
Baltimore Suburban	156,943	83,320	53.1%
Eastern Shore	47,719	26,331	55.2%
Out of State	251	66	26.3%
Southern Maryland	25,312	12,577	49.7%
Washington Suburban	173,897	102,926	59.2%
Western Maryland	42,538	23,054	54.2%
Total	528,488	285,590	54.0%

Children aged 4 to 20 years in different regions of Maryland showed variance in their utilization of dental services. Out-of-state participants had the lowest utilization rate at 26.3%, while Washington Suburban participants had the highest utilization rate at 59.2%.

* The study population for CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary’s Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne’s, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince’s George and Montgomery Counties.

Chapter 3. ED Visits with Dental Diagnoses and Procedures for Children

Figure 5. Number of ED Visits with a Dental Diagnosis or Procedure by Children Aged 0–20 Years Enrolled in Medicaid* for Any Period, CY 2016–CY 2020

Year	Total Number of Enrollees	Number of Enrollees who had an ED Visit with a Dental Diagnosis	Number of ED Visits with a Dental Diagnosis
CY 2016	702,105	2,741	5,090
CY 2017	723,709	2,655	4,845
CY 2018	733,594	2,548	4,741
CY 2019	733,128	2,388	4,390
CY 2020	728,830	1,638	2,939

The number of ED visits with a dental diagnosis by children aged 0 to 20 years enrolled in Medicaid for any period decreased throughout the evaluation period.

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

Figure 6. Number and Percentage of Children Aged 0–20 Years Enrolled in Medicaid* for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, CY 2016–CY 2020

Calendar Year	Total Number of Enrollees	Number with Preventive/Diagnostic Visit	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Visit Followed by a Restorative Visit	Percentage with Preventive/Diagnostic Visit Followed by a Restorative Visit
2016	702,105	377,058	53.7%	109,048	28.9%
2017	723,709	391,897	54.2%	114,089	29.1%
2018	733,594	401,370	54.7%	114,312	28.5%
2019	733,128	408,862	55.8%	115,813	28.3%
2020	728,830	323,764	44.4%	83,130	25.7%

The percentage of children aged 0 to 20 years enrolled in Medicaid for any period who received a preventive or diagnostic visit increased from CY 2015 to CY 2019 and then decreased in CY 2020. When followed by a restorative visit, the rate decreased throughout the evaluation period.

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

Figure 7. Percentage of Children Aged 4–20 Years Enrolled in Medicaid* for at Least 320 Days Who Received Dental Services, by Type of Service, CY 2016–CY 2020

Calendar Year	Percentage with Diagnostic Service	Percentage with Preventive Service	Percentage with Restorative Service
2016	67.0%	63.4%	23.2%
2017	66.5%	62.9%	23.2%
2018	67.4%	63.6%	22.9%
2019	67.7%	63.8%	23.0%
2020	51.9%	48.2%	16.0%

Across all calendar years, diagnostic services were the most utilized type of dental service by children aged 4 to 20 years enrolled in Medicaid for at least 320 days. Restorative services were the least utilized.

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

Figure 8. Number and Percentage of Children Aged 4–20 Years Enrolled in Medicaid* for 320 Days Who had Dental Visits, by Age Group and Type of Service, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Percentage with Any Service	Number with Diagnostic Service	Percentage with Diagnostic Service	Number with Preventative Service	Percentage with Preventative Service	Number with Restorative Service	Percentage with Restorative Service
04–05	68,645	37,761	55.0%	37,179	54.2%	34,702	50.6%	9,739	14.2%
06–09	133,693	79,362	59.4%	77,528	58.0%	72,557	54.3%	26,058	19.5%
10–14	168,835	95,477	56.6%	91,643	54.3%	86,302	51.1%	25,457	15.1%
15–18	111,346	56,413	50.7%	52,413	47.1%	48,146	43.2%	17,705	15.9%
19–20	45,969	16,577	36.1%	15,372	33.4%	13,268	28.9%	5,689	12.4%
Total	528,488	285,590	54.0%	274,135	51.9%	254,975	48.2%	84,648	16.0%

* The study population for CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

In CY 2020, children aged 6 to 9 years had the highest percentage of utilization across all dental services, while children aged 19 to 20 demonstrated the lowest utilization rates of all dental services.

Figure 9. Number and Percentage of Children Aged 0–20 Years Enrolled in Medicaid* for Any Period Who Had Preventive/Diagnostic Visits Followed by Restorative Visits, by Age Group, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Number with Preventive/Diagnostic Service	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Service Followed by Restorative Service	Percentage with Preventive/Diagnostic Service Followed by Restorative Service
0–3	149,349	36,243	36,148	24.2%	2,485	6.9%
4–5	75,160	39,269	38,958	51.8%	9,411	24.2%
6–9	145,490	82,456	81,474	56.0%	24,781	30.4%
10–14	183,471	99,008	95,935	52.3%	24,312	25.3%
15–18	122,179	58,658	54,852	44.9%	16,655	30.4%
19–20	53,181	17,617	16,397	30.8%	5,486	33.5%
Total	728,830	333,251	323,764	44.4%	83,130	25.7%

The percentage of children aged 0 to 20 years who received a follow-up restorative service after a preventive or diagnostic visit varied across age groups.

*The study population for CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The study population excludes participants who are not eligible for the dental benefit (e.g., undocumented immigrants and those enrolled in the Family Planning program).

Chapter 4. Dental Visits for Pregnant Women

Figure 10. Number and Percentage of Pregnant Women Aged 14+ Years Enrolled in Medicaid* for Any Period Who Had Dental Visits, CY 2016–CY 2020

Calendar Year	Total Number of Enrollees	Number of Enrollees with at Least One Visit	Percentage with Dental Visits
2016	34,275	8,883	25.9%
2017	33,707	9,136	27.1%
2018	32,718	9,146	28.0%
2019	33,961	9,675	28.5%
2020	35,348	7,606	21.5%

The percentage of pregnant women aged 14 years or older enrolled in Medicaid with at least one dental visit varied during the evaluation period, with an overall decrease of 4.4 percentage points.

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

Figure 11. Number and Percentage of Pregnant Women Aged 21+ Years with at Least 90 Days in Medicaid* Who Had Dental Services, CY 2016–CY 2020

Calendar Year	Total Number of Enrollees	Number of Enrollees with at Least One Visit	Percentage with Dental Visits
2016	29,014	7,562	26.1%
2017	29,111	7,981	27.4%
2018	28,259	7,979	28.2%
2019	28,939	8,346	28.8%
2020	30,925	6,666	21.6%

Overall, the total number of pregnant enrollees aged 21 years or older decreased between CY 2016 and CY 2019 but increased slightly in CY 2020.

* The study population for CY 2016 through CY 2020 includes all qualifying individuals in Maryland’s Medical Assistance program (both FFS and HealthChoice MCO enrollees). The following coverage groups were excluded from the analysis: X02, W01, and P10.

Chapter 5.

Dental Visits for Non-Pregnant Adults

Figure 12. Number and Percentage of Non-Pregnant Adults Aged 21–64 Years with 90+ Days in HealthChoice* Who Received Dental Services, CY 2016–CY 2020

Calendar Year	Total Number of Enrollees	Number of Enrollees with at Least One Visit	Percentage with Dental Visits
2016	521,954	72,318	13.9%
2017	569,948	85,323	15.0%
2018	591,603	86,947	14.7%
2019	579,853	93,988	16.2%
2020	598,370	73,616	12.3%

Overall, the percentage of non-pregnant adults receiving dental services decreased by 1.6 percentage points between CY 2016 and CY 2020.

* The following coverage groups were excluded from the analysis: X02, W01, and P10.

Figure 13. Number and Percentage of Non-Pregnant Adults Aged 21–64 Years with 90+ Days in HealthChoice* Who Had at Least One Dental Visit, by Age Group, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Percentage with Any Service
21–39	329,383	42,817	13.0%
40–64	268,987	30,799	11.4%
Total	598,370	73,616	12.3%

* The following coverage groups were excluded from the analysis: X02, W01, and P10.

Non-pregnant adults aged 21 to 39 years had a slightly higher percentage of dental visits than those aged 40 to 64 years.

Chapter 6.

Dental Providers and Access

Figure 14. Number of Dentists Participating in Medicaid Who Billed One or More Services, by Region, CY 2016–CY 2020

Region*	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
Baltimore Metro	538	560	593	628	536
Montgomery/ Prince George's Co.	567	563	582	630	540
Southern Maryland	60	63	66	66	59
Western Maryland	122	145	152	164	133
Eastern Shore	86	97	100	98	76
Other	167	197	219	215	138
Total**	1,540	1,625	1,712	1,801	1,482
Unique Total***	1,467	1,600	1,596	1,694	1,465

Overall, there was an increase in the number of dentists participating in Medicaid who billed one or more services between CY 2016 and CY 2019, followed by a decrease in CY 2020.

*Baltimore Metro includes Baltimore City and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland includes Calvert, Charles, and St. Mary's Counties. Western Maryland includes Allegany, Frederick, Garrett, and Washington Counties. The Eastern Shore includes Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties.

** Please note that the total is the sum of all regions.

*** Please note that the unique total does not equal the sum of all regions because an individual dentist may have offices in multiple regions. The unique total reflects the number of unique dentists unduplicated statewide. This unique total also includes out-of-state dentists who served Maryland Medicaid enrollees.

Figure 15. Number of Dentists Participating in Medicaid Who Billed \$10,000 or More for Services, by Region, CY 2016–CY 2020

Region*	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
Baltimore Metro	434	454	458	476	426
Montgomery/ Prince George's Co.	450	472	468	477	443
Southern Maryland	44	53	51	52	44
Western Maryland	98	116	123	124	111
Eastern Shore	73	82	82	79	65
Other	63	79	95	89	50
Total**	1,089	1,256	1,277	1,297	1,139
Unique Total***	1,115	1,255	1,221	1,244	1,138

Overall, there was an increase in the number of dentists participating in Medicaid who billed at least \$10,000 for services from CY 2016 to CY 2019, followed by a decrease in CY 2020.

*Baltimore Metro includes Baltimore City and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland includes Calvert, Charles, and St. Mary's Counties. Western Maryland includes Allegany, Frederick, Garrett, and Washington Counties. The Eastern Shore includes Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties.

** Please note that the total is the sum of all regions.

*** Please note that the unique total does not equal the sum of all regions because an individual dentist may have offices in multiple regions. The unique total reflects the number of unique dentists unduplicated statewide. This unique total also includes out-of-state dentists who served Maryland Medicaid enrollees.

Chapter 7.

Dental Services for Former Foster Care Participants

Figure 16. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for 320 Days Who Had Dental Services, by Region, CY 2017–CY 2020

Region**	CY 2017			CY 2018			CY 2019			CY 2020		
	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits
Baltimore City	563	108	19.2%	540	104	19.3%	415	98	23.6%	392	66	16.8%
Baltimore Suburban	374	88	23.5%	339	86	25.4%	306	84	27.5%	302	44	14.6%
Eastern Shore	*	*	23.3%	*	*	24.3%	*	*	26.3%	*	*	17.4%
Out of State	*	*	0.0%	*	*	0.0%	*	*	0.0%	*	*	0.0%
Southern Maryland	*	*	19.4%	*	*	25.0%	*	*	21.2%	*	*	18.4%
Washington Suburban	173	43	24.9%	161	37	23.0%	154	49	31.8%	166	34	20.5%
Western Maryland	100	23	23.0%	91	22	24.2%	92	21	22.8%	86	13	15.1%
Total	1,333	289	21.7%	1,238	275	22.2%	1,077	279	25.9%	1,054	176	16.7%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Former foster care participants in the Washington Suburban region had the highest dental utilization rate at 24.9% in CY 2017 and 20.5% in CY 2020.

Figure 17. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for 90 Days Who Had Dental Services, by Region, CY 2017–CY 2020

Region**	CY 2017			CY 2018			CY 2019			CY 2020		
	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits	Total Number of Enrollees	Number with at Least One Visit	Percentage with Dental Visits
Baltimore City	683	127	18.6%	645	115	17.8%	528	109	20.6%	420	72	17.1%
Baltimore Suburban	418	92	22.0%	408	97	23.8%	396	96	24.2%	323	46	14.2%
Eastern Shore	101	20	19.8%	89	18	20.2%	86	24	27.9%	72	14	19.4%
Out of State	*	*	0.0%	*	*	0.0%	*	*	0.0%	*	*	0.0%
Southern Maryland	*	*	16.7%	*	*	24.4%	*	*	19.0%	*	*	20.0%
Washington Suburban	193	46	23.8%	196	43	21.9%	208	53	25.5%	179	35	19.6%
Western Maryland	*	*	20.5%	*	*	20.3%	*	*	20.7%	*	*	14.8%
Total	1,555	316	20.3%	1,504	308	20.5%	1,377	314	22.8%	1,123	188	16.7%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

The number of former foster care participants enrolled in Medicaid with at least one dental visit increased by 2.5 percentage points from CY 2017 to CY 2019 before decreasing by 6.1 percentage points in CY 2020.

Figure 18. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had Dental Services, by Region, CY 2017–CY 2020

Region**	CY 2017			CY 2018			CY 2019			CY 2020		
	Total Number of Enrollees	Number with Any Dental Service	Percentage with Dental Visits	Total Number of Enrollees	Number with Any Dental Service	Percentage with Dental Visits	Total Number of Enrollees	Number with Any Dental Service	Percentage with Dental Visits	Total Number of Enrollees	Number with Any Dental Service	Percentage with Dental Visits
Baltimore City	750	129	17.2%	692	118	17.1%	561	113	20.1%	451	75	16.6%
Baltimore Suburban	457	94	20.6%	452	101	22.3%	427	99	23.2%	356	46	12.9%
Eastern Shore	*	*	19.4%	*	*	18.8%	*	*	26.1%	*	*	17.7%
Out of State	*	*	0.0%	*	*	0.0%	*	*	0.0%	*	*	0.0%
Southern Maryland	*	*	18.4%	*	*	22.7%	*	*	16.7%	*	*	19.5%
Washington Suburban	208	47	22.6%	210	45	21.4%	217	54	24.9%	195	36	18.5%
Western Maryland	126	25	19.8%	130	26	20.0%	123	24	19.5%	99	14	14.1%
Total	1,690	323	19.1%	1,631	319	19.6%	1,469	322	21.9%	1,222	193	15.8%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

The percentage of former foster care participants enrolled in Medicaid for any period with any dental service increased by 2.8 percentage points from CY 2017 to CY 2019 before decreasing by 6.1 percentage points in CY 2020.

Figure 19. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2017

Region**	Total Number of Enrollees	Number with Diagnostic Service	Percentage with Diagnostic Service	Number with Preventive Service	Percentage with Preventive Service	Number with Restorative Service	Percentage with Restorative Service
Baltimore City	750	122	16.3%	81	10.8%	31	4.1%
Baltimore Suburban	457	90	19.7%	59	12.9%	25	5.5%
Eastern Shore	108	18	16.7%	11	10.2%	*	*
Out of State	*	*	*	*	*	*	*
Southern Maryland	*	*	*	*	*	*	*
Washington Suburban	208	45	21.6%	33	15.9%	15	7.2%
Western Maryland	126	24	19.0%	15	11.9%	*	*
Total	1,690	306	18.1%	205	12.1%	90	5.3%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

In CY 2017, Washington Suburban participants had the highest rates of diagnostic, preventive, and restorative services—at 21.6%, 15.9%, and 7.2%, respectively.

Figure 20. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2018

Region**	Total Number of Enrollees	Number with Diagnostic Service	Percentage with Diagnostic Service	Number with Preventive Service	Percentage with Preventive Service	Number with Restorative Service	Percentage with Restorative Service
Baltimore City	692	114	16.5%	74	10.7%	40	5.8%
Baltimore Suburban	452	98	21.7%	73	16.2%	35	7.7%
Eastern Shore	*	*	16.8%	*	11.9%	*	4.0%
Out of State	*	*	0.0%	*	0.0%	*	0.0%
Southern Maryland	*	*	22.7%	*	18.2%	*	9.1%
Washington Suburban	210	44	21.0%	35	16.7%	14	6.7%
Western Maryland	*	*	20.0%	*	12.3%	*	4.6%
Total	1,631	309	18.9%	218	13.4%	103	6.3%

In CY 2018, Southern Maryland participants had the highest rates of diagnostic, preventive, and restorative services—at 22.7%, 18.2%, and 9.1%, respectively.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 21. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2019

Region**	Total Number of Enrollees	Number with Diagnostic Service	Percentage with Diagnostic Service	Number with Preventive Service	Percentage with Preventive Service	Number with Restorative Service	Percentage with Restorative Service
Baltimore City	561	110	19.6%	77	13.7%	33	5.9%
Baltimore Suburban	427	93	21.8%	70	16.4%	27	6.3%
Eastern Shore	*	*	26.1%	*	19.6%	*	8.7%
Out of State	*	*	0.0%	*	0.0%	*	0.0%
Southern Maryland	*	*	14.6%	*	8.3%	*	8.3%
Washington Suburban	217	49	22.6%	38	17.5%	15	6.9%
Western Maryland	*	*	18.7%	*	10.6%	*	5.7%
Total	1,469	306	20.8%	220	15.0%	94	6.4%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Eastern Shore participants had the highest rates of diagnostic (26.1%), preventive (19.6%), and restorative (8.7%) services in CY 2019.

Figure 22. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2020

Region**	Total Number of Enrollees	Number with Diagnostic Service	Percentage with Diagnostic Service	Number with Preventive Service	Percentage with Preventive Service	Number with Restorative Service	Percentage with Restorative Service
Baltimore City	451	70	15.5%	49	10.9%	22	4.9%
Baltimore Suburban	356	44	12.4%	30	8.4%	17	4.8%
Eastern Shore	*	*	17.7%	*	6.3%	*	1.3%
Out of State	*	*	0.0%	*	0.0%	*	0.0%
Southern Maryland	*	*	19.5%	*	9.8%	*	2.4%
Washington Suburban	*	*	17.9%	*	11.3%	*	4.1%
Western Maryland	*	*	13.1%	*	8.1%	*	3.0%
Total	1,222	184	15.1%	118	9.7%	52	4.3%

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

In CY 2020, Southern Maryland participants had the highest rate of diagnostic services (19.5%). Washington Suburban participants had the highest rate of preventive services (11.3%) and Baltimore City participants had the highest rate of restorative services (4.9%).

Figure 23. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2017

Region**	Total Number of Enrollees	Number with Preventive/Diagnostic Visit	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Visit Followed by a Restorative Visit	Percentage with Preventive/Diagnostic Visit Followed by a Restorative Visit
Baltimore City	750	123	16.4%	28	22.8%
Baltimore Suburban	457	90	19.7%	20	22.2%
Eastern Shore	*	*	17.6%	*	21.1%
Out of State	*	*	0.0%	*	0.0%
Southern Maryland	*	*	18.4%	*	57.1%
Washington Suburban	208	45	21.6%	15	33.3%
Western Maryland	*	*	19.0%	*	29.2%
Total	1,690	308	18.2%	78	25.3%

The percentage of former foster care participants enrolled in Medicaid for any period who received a preventive/diagnostic visit followed by a restorative visit varied across regions. At 57.1%, Southern Maryland participants had the highest rate in CY 2017.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 24. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2018

Region**	Total Number of Enrollees	Number with Preventive/Diagnostic Visit	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Visit Followed by a Restorative Visit	Percentage with Preventive/Diagnostic Visit Followed by a Restorative Visit
Baltimore City	692	114	16.5%	36	31.6%
Baltimore Suburban	452	99	21.9%	33	33.3%
Eastern Shore	*	*	18.8%	*	21.1%
Out of State	*	*	0.0%	*	0.0%
Southern Maryland	*	*	22.7%	*	40.0%
Washington Suburban	210	45	21.4%	13	28.9%
Western Maryland	*	*	20.0%	*	23.1%
Total	1,631	313	19.2%	96	30.7%

The percentage of former foster care participants enrolled in Medicaid for any period who received a preventive/diagnostic visit followed by a restorative visit varied across regions. At 40.0%, Southern Maryland participants had the highest rate in CY 2018.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 25. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2019

Region**	Total Number of Enrollees	Number with Preventive/Diagnostic Visit	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Visit Followed by a Restorative Visit	Percentage with Preventive/Diagnostic Visit Followed by a Restorative Visit
Baltimore City	561	110	19.6%	30	27.3%
Baltimore Suburban	427	94	22.0%	23	24.5%
Eastern Shore	*	*	26.1%	*	33.3%
Out of State	*	*	0.0%	*	0.0%
Southern Maryland	*	*	16.7%	*	37.5%
Washington Suburban	217	50	23.0%	13	26.0%
Western Maryland	*	*	18.7%	*	21.7%
Total	1,469	309	21.0%	82	26.5%

The percentage of former foster care participants enrolled in Medicaid for any period who received a preventive/diagnostic visit followed by a restorative visit varied across regions. At 37.5%, Southern Maryland participants had the highest rate in CY 2019.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 26. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2020

Region**	Total Number of Enrollees	Number with Preventive/Diagnostic Visit	Percentage with Preventive/Diagnostic Visit	Number with Preventive/Diagnostic Visit Followed by a Restorative Visit	Percentage with Preventive/Diagnostic Visit Followed by a Restorative Visit
Baltimore City	451	71	15.7%	20	28.2%
Baltimore Suburban	356	44	12.4%	16	36.4%
Eastern Shore	*	*	17.7%	*	7.1%
Out of State	*	*	0.0%	*	0.0%
Southern Maryland	*	*	19.5%	*	12.5%
Washington Suburban	*	*	17.9%	*	17.1%
Western Maryland	*	*	13.1%	*	15.4%
Total	1,222	185	15.1%	46	24.9%

The percentage of former foster care participants enrolled in Medicaid for any period who received a preventive/diagnostic visit followed by a restorative visit varied across regions. At 36.4%, Baltimore Suburban participants had the highest rate in CY 2020.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 27. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2017

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	750	717	95.6%	33	4.4%
Baltimore Suburban	457	445	97.4%	12	2.6%
Eastern Shore	*	*	95.4%	*	4.6%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	100.0%	*	0.0%
Washington Suburban	*	*	97.1%	*	2.9%
Western Maryland	*	*	97.6%	*	2.4%
Total	1,690	1,631	96.5%	59	3.5%

Overall, 3.5% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a *primary* dental diagnosis or dental procedure code in CY 2017. Eastern Shore participants had the highest rate at 4.6%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 28. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2017

Region*	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	750	713	95.1%	37	4.9%
Baltimore Suburban	457	442	96.7%	15	3.3%
Eastern Shore	*	*	95.4%	*	4.6%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	100.0%	*	0.0%
Washington Suburban	*	*	95.7%	*	4.3%
Western Maryland	*	*	97.6%	*	2.4%
Total	1,690	1,621	95.9%	69	4.1%

Overall, 4.1% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a dental diagnosis or dental procedure code in CY 2017. Baltimore City participants had the highest rate at 4.9%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 29. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2018

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	692	661	95.5%	31	4.5%
Baltimore Suburban	452	440	97.3%	12	2.7%
Eastern Shore	*	*	93.1%	*	6.9%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	95.5%	*	4.5%
Washington Suburban	*	*	100.0%	*	0.0%
Western Maryland	*	*	99.2%	*	0.8%
Total	1,631	1,578	96.8%	53	3.2%

Overall, 3.2% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a *primary* dental diagnosis or dental procedure code in CY 2018. Eastern Shore participants had the highest rate at 6.9%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 30. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2018

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	692	658	95.1%	34	4.9%
Baltimore Suburban	452	439	97.1%	13	2.9%
Eastern Shore	*	*	93.1%	*	6.9%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	95.5%	*	4.5%
Washington Suburban	*	*	100.0%	*	0.0%
Western Maryland	*	*	99.2%	*	0.8%
Total	1,631	1,574	96.5%	57	3.5%

Overall, 3.5% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a dental diagnosis or dental procedure code in CY 2018. Eastern Shore participants had the highest rate at 6.9%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 31. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2019

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	561	540	96.3%	21	3.7%
Baltimore Suburban	*	*	97.9%	*	2.1%
Eastern Shore	*	*	95.7%	*	4.3%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	97.9%	*	2.1%
Washington Suburban	*	*	98.2%	*	1.8%
Western Maryland	*	*	96.7%	*	3.3%
Total	1,469	1,426	97.1%	43	2.9%

Overall, 2.9% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a *primary* dental diagnosis or dental procedure code in CY 2019. Eastern Shore participants had the highest rate at 4.3%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 32. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2019

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	561	536	95.5%	25	4.5%
Baltimore Suburban	427	416	97.4%	11	2.6%
Eastern Shore	*	*	95.7%	*	4.3%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	95.8%	*	4.2%
Washington Suburban	*	*	98.2%	*	1.8%
Western Maryland	*	*	95.1%	*	4.9%
Total	1,469	1,417	96.5%	52	3.5%

Overall, 3.5% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a dental diagnosis or dental procedure code in CY 2019. Western Maryland participants had the highest rate at 4.9%.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 33. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2020

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	*	*	99.1%	*	0.9%
Baltimore Suburban	*	*	98.0%	*	2.0%
Eastern Shore	*	*	96.2%	*	3.8%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	95.1%	*	4.9%
Washington Suburban	*	*	99.0%	*	1.0%
Western Maryland	*	*	96.0%	*	4.0%
Total	1,222	1,200	98.2%	22	1.8%

Overall, 1.8% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a *primary* dental diagnosis or dental procedure code in CY 2020.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Figure 34. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2020

Region**	Total Number of Participants	No ED Visits		At Least One ED Visit	
		#	%	#	%
Baltimore City	*	*	98.4%	*	1.6%
Baltimore Suburban	356	344	96.6%	12	3.4%
Eastern Shore	*	*	96.2%	*	3.8%
Out of State	*	*	100.0%	*	0.0%
Southern Maryland	*	*	92.7%	*	7.3%
Washington Suburban	*	*	99.0%	*	1.0%
Western Maryland	*	*	96.0%	*	4.0%
Total	1,222	1,191	97.5%	31	2.5%

Overall, 2.5% of former foster care participants enrolled in Medicaid for any period had at least one ED visit with a dental diagnosis or dental procedure code in CY 2020.

*Cell values of 10 or less have been suppressed.

**Baltimore Suburban: Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties. Southern Maryland: Calvert, Charles, and St. Mary's Counties. Western Maryland: Allegany, Frederick, Garrett, and Washington Counties. Eastern Shore: Caroline, Cecil, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester Counties. Washington Suburban: Prince's George and Montgomery Counties.

Chapter 8.

Dental Visits for REM Participants

Figure 35. Percentage of REM Participants Aged 4–64 Years with at Least 320 Days in Medicaid Who Had Dental Services, by Age Group, CY 2016–CY 2020

Age Group (Years)	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
4–5	75.9%	73.2%	68.8%	68.9%	53.0%
6–9	72.8%	77.8%	77.4%	73.6%	59.4%
10–14	68.7%	68.2%	73.0%	72.3%	51.3%
15–18	60.2%	61.3%	62.0%	65.2%	49.4%
19–20	51.3%	50.7%	53.2%	59.1%	36.6%
21–39	34.4%	35.3%	36.4%	37.6%	26.4%
40–64	21.7%	19.1%	20.0%	22.2%	18.9%
Total	56.2%	56.7%	57.9%	58.2%	43.0%

The percentage of REM participants enrolled in Medicaid for at least 320 days who received dental services increased by 2 percentage points between CY 2016 and CY 2019, then sharply decreased by 15.2 percentage points in CY 2020.

Figure 36. Percentage of REM Participants Aged 4–64 Years with at Least 90 Days in Medicaid Who Had Dental Services, by Age Group, CY 2016–CY 2020

Age Group (Years)	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
4–5	73.9%	72.4%	66.9%	66.7%	51.9%
6–9	71.0%	76.3%	75.7%	72.3%	58.8%
10–14	68.0%	67.6%	71.8%	71.0%	51.3%
15–18	59.8%	59.8%	61.4%	63.7%	48.9%
19–20	49.8%	49.2%	52.4%	57.3%	35.7%
21–39	33.9%	34.8%	35.7%	36.8%	26.1%
40–64	20.8%	18.8%	18.5%	21.1%	18.1%
Total	55.2%	55.6%	56.6%	56.9%	42.4%

The rate of REM participants enrolled in Medicaid for at least 90 days who received dental services increased by 1.7 percentage points between CY 2016 and CY 2019, then sharply decreased by 14.5 percentage points in CY 2020.

Figure 37. Percentage of REM Participants Aged 4–64 Years Enrolled in Medicaid for Any Period Who Had Dental Services, by Age Group, CY 2016–CY 2020

Age Group (Years)	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
4–5	73.5%	71.5%	66.2%	66.5%	51.1%
6–9	70.6%	76.1%	75.6%	72.2%	58.8%
10–14	67.7%	67.3%	71.6%	70.7%	51.1%
15–18	59.4%	59.8%	61.0%	63.2%	48.7%
19–20	49.5%	48.9%	52.2%	57.1%	35.6%
21–39	33.6%	34.5%	35.4%	36.7%	25.8%
40–64	20.2%	18.5%	18.0%	20.5%	17.7%
Total	54.8%	55.3%	56.2%	56.6%	42.1%

The rate of REM participants enrolled in Medicaid for any period who received dental services increased by 1.8 percentage points between CY 2016 and CY 2019, then sharply decreased by 14.5 percentage points in CY 2020.

Figure 38. Number and Percentage of REM Participants Aged 4–64 Years with at Least One Day In Medicaid Who Had Dental Services, by Age Group, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Percentage with Any Service
4–5	329	168	51.1%
6–9	685	403	58.8%
10–14	880	450	51.1%
15–18	614	299	48.7%
19–20	306	109	35.6%
21–39	1,079	278	25.8%
40–64	283	50	17.7%
Total	4,176	1,757	42.1%

The percentage of REM participants enrolled in Medicaid for at least one day who received dental services varied across all age groups in CY 2020. REM participants aged 6 to 9 years had the highest rate at 58.8%.

Figure 39. Number and Percentage of REM Participants Aged 4–64 Years with at Least 90 Days in Medicaid Who Had Dental Services, by Age Group, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Percentage with Any Service
4–5	324	168	51.9%
6–9	685	403	58.8%
10–14	877	450	51.3%
15–18	612	299	48.9%
19–20	305	109	35.7%
21–39	1,065	278	26.1%
40–64	276	50	18.1%
Total	4,144	1,757	42.4%

The percentage of REM participants with at least 90 days in Medicaid who received dental services varied across all age groups in CY 2020. REM participants aged 6 to 9 years had the highest rate at 58.8%.

Figure 40. Number and Percentage of REM Participants Aged 4–64 Years with at Least 320 Days in Medicaid Who Had Dental Services, by Age Group, CY 2020

Age Group (Years)	Total Number of Enrollees	Number with Any Service	Percentage with Any Service
4–5	315	167	53.0%
6–9	675	401	59.4%
10–14	863	443	51.3%
15–18	603	298	49.4%
19–20	295	108	36.6%
21–39	1,036	274	26.4%
40–64	265	50	18.9%
Total	4,052	1,741	43.0%

The percentage of REM participants with at least 320 days in Medicaid who received dental services varied across all age groups in CY 2020. REM participants aged 6 to 9 years had the highest rate at 59.4%.

LIST OF FIGURES

Chapter 2. Dental Visits for Children

Figure 1. Number of Children Aged 4–20 Years Enrolled in Medicaid for at Least 320 Days Who Received Dental Services, CY 2016–CY 2020.....	7
Figure 2. Number of Children Aged 0–20 Years Enrolled in Medicaid for Any Period, CY 2016–CY 2020.....	8
Figure 3. Percentage of Children Aged 0–20 Years Enrolled in Medicaid for Any Period Who Had at Least One Dental Visit, by Age Group, CY 2016–CY 2020	9
Figure 4. Number and Percentage of Children Aged 4–20 Years Enrolled in Medicaid for 320 Days Who Had Dental Services, by Region, CY 2020.....	10

Chapter 3. ED Visits with Dental Diagnoses/Procedures for Children

Figure 5. Number of ED Visits with a Dental Diagnosis or Procedure by Children Aged 0–20 Years Enrolled in Medicaid for Any Period, CY 2016–CY 2020.....	12
Figure 6. Number and Percentage of Children Aged 0–20 Years Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, CY 2016–CY 2020.....	13
Figure 7. Percentage of Children Aged 4–20 Years Enrolled in Medicaid for at Least 320 Days Who Received Dental Services, by Type of Service, CY 2016–CY 2020.....	14
Figure 8. Number and Percentage of Children Aged 4–20 Years Enrolled in Medicaid for 320 Days Who had Dental Visits, by Age Group and Type of Service, CY 2020	15
Figure 9. Number and Percentage of Children Aged 0–20 Years Enrolled in Medicaid for Any Period Who Had Preventive/Diagnostic Visits Followed by Restorative Visits, by Age Group, CY 2020	16

LIST OF FIGURES continued

Chapter 4. Dental Visits for Pregnant Women

Figure 10. Number and Percentage of Pregnant Women Aged 14+ Years Enrolled in Medicaid for Any Period Who Had Dental Visits, CY 2016–CY 2020.....	18
Figure 11. Number and Percentage of Pregnant Women Aged 21+ Years with at Least 90 Days in Medicaid Who Had Dental Services, CY 2016–CY 2020.....	19

Chapter 5. Dental Visits for Non-Pregnant Adults

Figure 12. Number and Percentage of Non-Pregnant Adults Aged 21–64 Years with 90+ Days in HealthChoice Who Received Dental Services, CY 2016–CY 2020.....	21
Figure 13. Number and Percentage of Non-Pregnant Adults Aged 21–64 Years with 90+ Days in HealthChoice Who Had at Least One Dental Visit, by Age Group, CY 2020.....	22

Chapter 6. Dental Providers and Access

Figure 14. Number of Dentists Participating in Medicaid Who Billed One or More Services, by Region, CY 2016–CY 2020.....	24
Figure 15. Number of Dentists Participating in Medicaid Who Billed \$10,000 or More for Services, by Region, CY 2016–CY 2020.....	25

Chapter 7. Dental Services for Former Foster Care Participants

Figure 16. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for 320 Days Who Had Dental Services, by Region, CY 2017–CY 2020.....	27
Figure 17. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for 90 Days Who Had Dental Services, by Region, CY 2017–CY 2020.....	28

LIST OF FIGURES continued

Chapter 7. continued

Figure 18. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period with Dental Services, by Region, CY 2017–CY 2020.....	29
Figure 19. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2017.	30
Figure 20. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2018	31
Figure 21. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2019	32
Figure 22. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Receiving Dental Services, by Type of Service and Region, CY 2020	33
Figure 23. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2017.....	34
Figure 24. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2018.....	35
Figure 25. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2019.....	36

LIST OF FIGURES continued

Chapter 7. continued

Figure 26. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Received a Preventive/Diagnostic Visit Followed by a Restorative Visit, by Region, CY 2020.....	37
Figure 27. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2017.....	38
Figure 28. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2017.....	39
Figure 29. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2018.....	40
Figure 30. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2018.....	41
Figure 31. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2019.....	42
Figure 32. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental Diagnosis or Dental Procedure Code, by Region, CY 2019	43
Figure 33. Number and Percentage of Former Foster Care Participants (E05) Enrolled in Medicaid for Any Period Who Had an ED Visit with a Primary Dental Diagnosis or Dental Procedure Code, by Region, CY 2020.....	44



LIST OF FIGURES continued

Chapter 7. continued

Figure 34. Number and Percentage of Former Foster Care Participants (E05)
Enrolled in Medicaid for Any Period Who Had an ED Visit with a Dental
Diagnosis or Dental Procedure Code, by Region, CY 2020 45

Chapter 8. Dental Visits for REM Participants

Figure 35. Percentage of REM Participants Aged 4–64 Years with at Least 320
Days in Medicaid Who Had Dental Services, by Age Group, CY 2016–CY 2020.... 47

Figure 36. Percentage of REM Participants Aged 4–64 Years with at Least 90 Days
in Medicaid Who Had Dental Services, by Age Group, CY 2016–CY 2020..... 48

Figure 37. Percentage of REM Participants Aged 4–64 Years Enrolled in Medicaid
for Any Period Who Had Dental Services, by Age Group, CY 2016–CY 2020..... 49

Figure 38. Number and Percentage of REM Participants Aged 4–64 Years with at
Least One Day In Medicaid Who Had Dental Services, by Age Group, CY 2020.... 50

Figure 39. Number and Percentage of REM Participants Aged 4–64 Years with at
Least 90 Days In Medicaid Who Had Dental Services, by Age Group, CY 2020 51

Figure 40. Number and Percentage of REM Participants Aged 4–64 Years with at
Least 320 Days in Medicaid Who Had Dental Services, by Age Group, CY 2020 52



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